

# REPLACEMENT SHEET

## FIGURE 8

$V_{\max}$ of GSSM clones of mutation site 182												Kinetics read at wavelength 235nm for a period of 2 minutes
1	2	3	4	5	6	7	8	9	10	11	12	
A 31.031	48.338	NoFit	10.691	380.25	NoFit	-21.00	35.455	78.312	20.312	69.575	27.506	
B 357.33	13.539	0.799	59.177	NoFit	NoFit	-2.786	-2.240	9.882	-4.255	301.55	NoFit	
C 2.787	26.455	20.911	341.11	45.818	6.218	NoFit	75.461	71.450	134.56	NoFit	85.026	
D 0.853	24.278	33.828	40.309	26.291	12.818	37.988	66.704	61.230	33.400	31.101	38.549	
E 16.869	3.173	11.325	NoFit	37.245	-16.36	5.922	NoFit	21.055	NoFit	4.364	NoFit	
F 10.766	13.046	NoFit	NoFit	8.385	25.478	-7.968	4.155	715.69	1.097	0.253	-4.364	
G 0.476	4.149	-0.364	5.544	31.309	7.636	7.145	57.089	7.636	18.154	-32.02	10.364	
H 9.684	51.590	26.901	NoFit	1.165	3.019	46.200	0.000	9.823	99.536	396.76	9.818	